

Year 3 – Lesson Plan 1 – D.T.

Can You Make a Monster That Moves?

Aim: To design and make a moving monster using simple lever and slider mechanisms.	Key Words: • mechanism • lever • slider • design • movement	Preparation: • Card or stiff paper • Split pins, straws, lolly sticks • Scissors, glue, hole punches • Rulers and pencils • Examples of simple lever and slider systems • Images of monsters or characters for inspiration
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Prior Learning: Children will have explored movement in everyday objects such as books and toys with flaps or pop-ups.

WC / PT	Warm-up: Show examples of moving pictures using sliders and levers. Ask: <i>How do they move? What is making the movement happen?</i>	0-5 mins
WC	Main Teach: Demonstrate how to make a simple lever using a split pin and moving arm. Then show a slider using a strip and slot. Model combining both in a design.	5-10 mins
I / S	Activity: Children design and build their own moving monster picture using either a lever or slider (or both). Encourage them to make arms, mouths, or eyes move.	10-30 mins
I	Extension Challenge: Add a second moving part or build a background scene for their monster.	30-35 mins
WC	Plenary: Children show their monsters and describe how they move. Ask: <i>Which part moves best? What mechanism did you enjoy using most?</i>	35-40 mins

WC – Whole Class

PT – Partner Talk

I – Independent

S - Support

Challenge A	Write a set of instructions explaining how to make your moving monster.
Challenge B	Create a comic strip featuring your monster in action, using speech bubbles and onomatopoeia.